AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of network management using a palm-sized computer, including:

receiving a request to submit ~~accessing~~ a page that indicates a network management function, wherein the page includes a data field, the data field being identified by (i) an input type associated with the data field and (ii) an index value corresponding to a relative position of the data field on the page; ~~containing network management information stored on a palm-sized computer;~~

~~indicating a network management function;~~

in response to receiving the request, modifying a uniform resource locator (URL), wherein the modified URL includes (i) a page name, (ii) a field index value for each of the data fields, and (iii) user data associated with each of the field index values;

~~connecting to a synchronization server;~~

transmitting ~~the indicated network management function to the synchronization server; and~~ the modified URL to a proxy server by using a compact transfer protocol (CTP), wherein the proxy server uses the modified URL to (i) generate a HTTP query and to (ii) send the HTTP query to a web server; and

receiving ~~updated~~ network management information from the proxy server, responsive to the transmitted URL. ~~indicated network management function.~~

2. (Original) The method of claim 1, wherein the palm-sized computer is smaller than four inches by six inches.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

3. (Original) The method of claim 1, wherein the palm-sized computer has a display compatible with 160 by 160 pixels.

4. (Original) The method of claim 1, wherein the palm-sized computer has a display that is 160 by 160 pixels.

5. (Original) The method of claim 1, wherein the palm-sized computer has a pressure sensitive display and the indicating step includes pressing a stylus against the display.

6. (Original) The method of claim 1, wherein the network management function is changing a configuration of a device.

7. (Original) The method of claim 1, wherein the network management function is changing an inventory description of a device.

8. (Original) The method of claim 1, wherein the network management function is accessing historical information about a device.

9. (Original) The method of claim 1, wherein the network management function is accessing web-based support information.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

10. (Original) The method of claim 1, wherein the network management function is accessing intranet-based support information.

11. (Original) The method of claim 1, wherein the network management function is accessing server-based support information.

12. (Currently amended) The method of claim 1, wherein transmitting the generated URL to a proxy server includes connecting to [[the]] a synchronization server by ~~includes~~ placing the palm-sized computer in communications cradle and pressing a hot sync button.

13. (Original) The method of claim 12, wherein pressing the hot sync button starts the synchronization server.

14. (Currently Amended) The method of claim 1, wherein transmitting the generated URL to a proxy server includes connecting to [[the]] a synchronization server ~~includes~~ by using a radio signal and a wireless communication server in communication with the synchronization server.

15. (Currently Amended) The method of claim 14, wherein a wireless communication server starts [[the]] a synchronization server when needed.

16. (Previously submitted) The method of claim 14, wherein connecting with the synchronization server includes using encryption.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

17. (Currently Amended) The method of claim 1, wherein transmitting the generated URL to a proxy server includes connecting to [[the]] a synchronization server ~~includes~~ by using an infrared signal.

18. (Previously submitted) The method of claim 1, wherein the transmitting and receiving including encoding and decoding in a compact markup language.

19. (Original) The method of claim 18, wherein the compact markup language utilizes five-bit encoding of characters.

20. (Previously submitted) The method of claim 18, wherein the compact markup language utilizes variable length strings for markup tags and characters.

21. (Currently Amended) The method of claim 14, wherein the page includes a form and data and the ~~updated~~ received network management information includes an updated version of some or all of the data.

22. (Currently Amended) The method of claim 14, wherein the page includes a form and data and the ~~updated~~ received network management information includes an updated version of some or all of the data and does not include the form.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) A method of network inventory management using a palm-sized computer, including:

receiving a request to submit ~~accessing~~ a page that indicates a network management function, wherein the page includes a data field, the data field being identified by (i) an input type associated with the data field and (ii) an index value corresponding to a relative position of the data field on the page ~~containing. network inventory scope choices stored on a palm- sized computer;~~

~~indicating a scope of network inventory information;~~

~~connecting to a synchronization server;~~

in response to receiving the request, modifying a uniform resource locator (URL), wherein the modified URL includes (i) the page name, (ii) a field index value indicating a relative order for each of the data fields on the page, and (iii) a network inventory scope choice associated with the field index values;

transmitting the modified URL to a proxy server by using a compact transfer protocol (CTP), wherein the proxy server uses the modified URL to (i) generate a HTTP query and (ii) send the HTTP query to a web server; and ~~indicated scope of network inventory information to the synchronization server; and~~

receiving network inventory information, responsive to the indicated scope of network inventory information.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

26. (Original) The method of claim 25, wherein the palm-sized computer is smaller than four inches by six inches.

27. (Original) The method of claim 25, wherein the palm-sized computer has a display compatible with 160 by 160 pixels.

28. (Original) The method of claim 25, wherein the palm-sized computer has a display that is 160 by 160 pixels.

29. (Original) The method of claim 25, wherein the palm-sized computer has a pressure-sensitive display and the indicating step includes pressing a stylus against the display.

30. (Previously submitted) The method of claim 25, wherein the network inventory information includes a configuration of a device.

31. (Previously submitted) The method of claim 25, wherein the network inventory information includes an inventory description of a device.

32. (Previously submitted) The method of claim 25, wherein the network inventory includes historical information about performance of a device.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

33. (Previously submitted) The method of claim 25, wherein the network inventory information includes web-based support information.

34. (Previously submitted) The method of claim 25, wherein the network inventory information includes intranet-based support information.

35. (Previously submitted) The method of claim 25, wherein the network inventory information includes server-based support information.

36. (Currently amended) The method of claim 25, wherein transmitting a URL to a proxy server includes connecting to [[the]] a synchronization server [[includes]] by placing the palm-sized computer in communications cradle and pressing a hot sync button.

37. (Currently Amended) The method of claim 36 [[12]], wherein pressing the hot sync button starts the synchronization server.

38. (Currently Amended) The method of claim 25, wherein transmitting a URL to a proxy server includes connecting to [[the]] a synchronization server by [[includes]] using a radio signal and a wireless communication server in communication with the synchronization server.

39. (Currently Amended) The method of claim 14, wherein a wireless communication server starts [[the]] a synchronization server when needed.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

40. (Original) The method of claim 14, wherein connecting with the synchronization server includes using an encryption.

41. (Currently Amended) The method of claim 40, wherein transmitting a URL to a proxy server includes connecting to [[the]] a synchronization server by [[includes]] using an infrared signal.

42. (Previously submitted) The method of claim 40, wherein the transmitting and receiving including encoding and decoding in a compact markup language.

43. (Original) The method of claim 42, wherein the compact markup language utilizes five-bit encoding of characters.

44. (Previously submitted) The method of claim 42, wherein the compact markup language utilizes variable length strings for markup tags and characters.

45. (Currently Amended) The method of claim 38, wherein the page includes a form and data and the ~~updated~~ received network inventory ~~management~~ information includes an updated version of some or all of the data.

46. (Currently Amended) The method of claim 38, wherein the page includes a form and data and the ~~updated~~ received network inventory ~~management~~ information includes an updated version of some or all of the data and does not include the form.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

47. (Cancelled)

48. (Cancelled)

49. (Currently Amended) A system for network management using a palm-sized computer, including:

a palm-sized computer running a browser application, wherein the browser application sends a modified Uniform Resource Locator (URL) to a proxy server using a compact transfer protocol (CTP), wherein the URL includes (i) the page name, (ii) a field index value indicating a relative order for each of the data fields on the page, and (iii) network inventory scope choices associated with the field index values;

a proxy server, in communication with the palm-sized computer, wherein the proxy server uses the modified URL to (i) generate a HTTP query and (ii) send the HTTP query to a web server; and;

~~a synchronization server, in communication with the palm-sized computer~~; and

a network management server, in communication with the proxy server ~~synchronization sever~~.

50. (Original) The system of claim 49, wherein the palm-sized computer is smaller than four inches by six inches.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

51. (Original) The system of claim 49, wherein the palm-sized computer has a display that is 160 by 160 pixels.

52. (Original) The system of claim 49, wherein the palm-sized computer has a pressure-sensitive display for input.

53. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to request a device configuration.

54. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to report a device configuration.

55. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to modify a device configuration.

56. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to request a device inventory description.

57. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to report a device inventory description.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

58. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to modify a device inventory description.

59. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to request historical information regarding a device.

60. (Original) The system of claim 49, wherein the palm-sized computer stores a form adapted to report historical information regarding a device.

61. (Original) The system of claim 49, further including a communications cradle which the palm-sized computer engages and communicates with, said communications cradle in communication with the network management server.

62. (Original) The system of claim 49, wherein the communication between the palm-sized computer and the synchronization server includes a radio link.

63. (Original) The system of claim 49, wherein the communication between the palm- sized computer and the synchronization server includes an infrared link.

McDONNELL BOEHNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001